

Data Path : Z:\HPCHEM1\BNA E\DATA\BE111715\
 Data File : BE091203.D
 Acq On : 17 Nov 2015 14:16
 Operator : UM/NP
 Sample : G4309-20
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :

Quant Time: Nov 18 03:30:06 2015
 Quant Method : Z:\HPCHEM1\BNA E\METHODS\SOM02.2-EPA-SIM-BE102715.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Nov 18 03:27:44 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.90	152	25	0.40	ng/ul	-0.01
4) Naphthalene-d8	9.56	136	10	0.40	ng/ul	-0.02
8) Acenaphthene-d10	13.33	164	7	0.40	ng/ul	-0.04
12) Phenanthrene-d10	16.04	188	9	0.40	ng/ul	-0.05
18) Chrysene-d12	20.15	240	5	0.40	ng/ul	-0.08
22) Perylene-d12	22.01	264	443	0.40	ng/ul	-0.10

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
2) 1,4-Dioxane-d8	3.02	96	38	2.11	ng/uL	0.00
6) 2-Methylnaphthalene-d10	11.04	152	5	0.37	ng/ul	-0.03
16) Fluoranthene-d10	18.04	212	4	0.16	ng/ul	-0.03

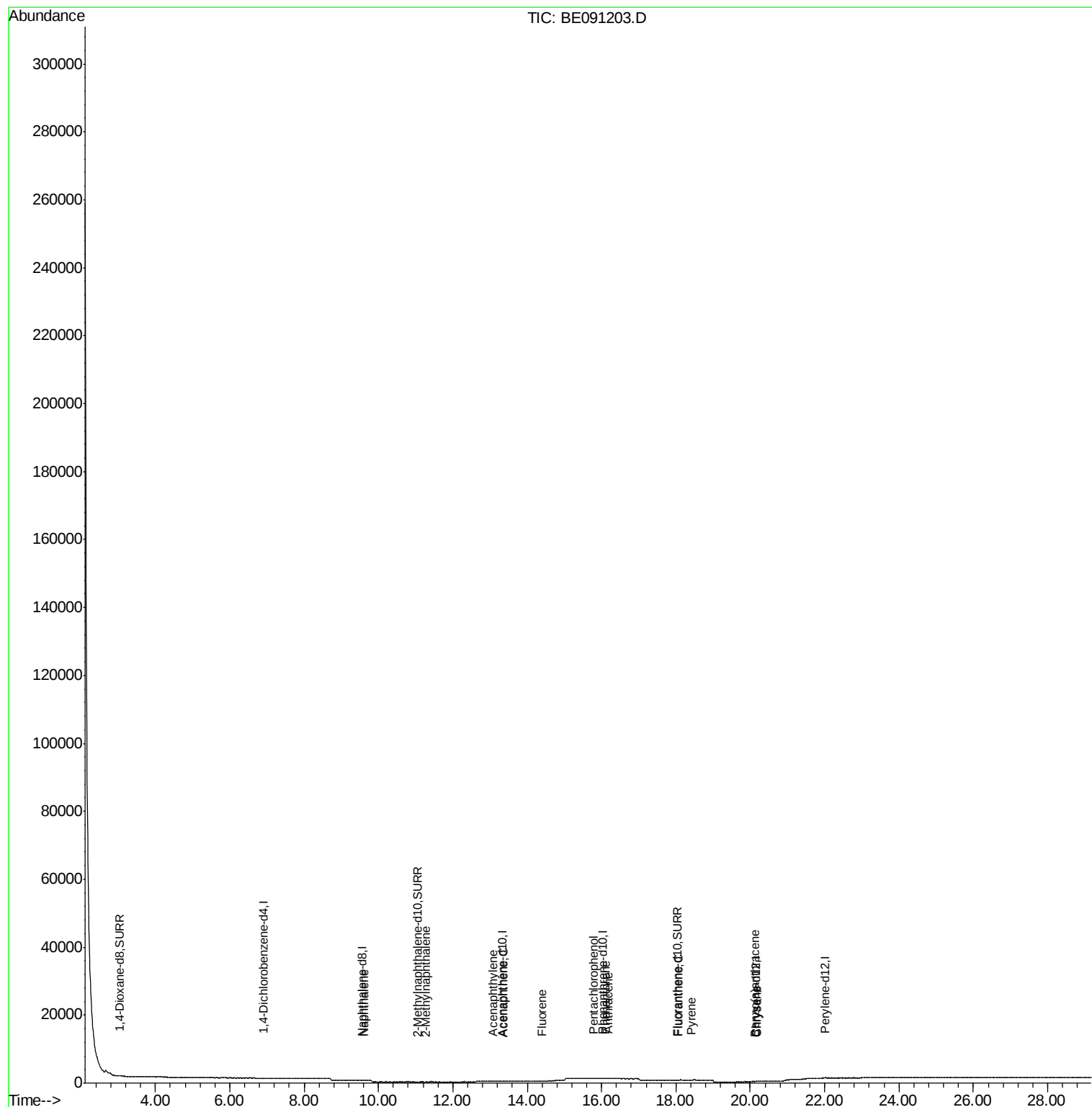
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
5) Naphthalene	9.61	128	58	2.35	ng/ul#	1
7) 2-Methylnaphthalene	11.28	142	14	0.87	ng/ul	82
9) Acenaphthylene	13.09	152	7	0.20	ng/ul#	1
10) Acenaphthene	13.36	153	8	0.33	ng/ul#	67
11) Fluorene	14.41	166	16	0.52	ng/ul#	74
13) Pentachlorophenol	15.78	266	22	25.70	ng/ul#	33
14) Phenanthrene	16.10	178	86	0.83	ng/ul#	1
15) Anthracene	16.17	178	767	8.12	ng/ul#	1
17) Fluoranthene	18.06	202	33	0.27	ng/ul#	1
19) Pyrene	18.42	202	39	0.69	ng/ul#	10
20) Benzo(a)anthracene	20.12	228	2	0.16	ng/ul#	1
21) Chrysene	20.17	228	5	0.34	ng/ul#	1

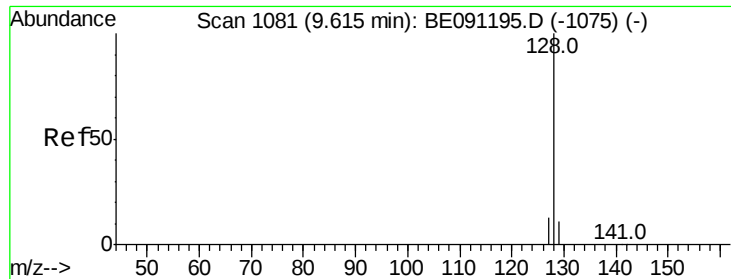
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#5

Naphthalene

Concen: 2.35 ng/ul

RT: 9.61 min Scan# 1081

Delta R.T. -0.00 min

Lab File: BE091203.D

Acq: 17 Nov 2015 14:16

Instrument :

BNA_E

ClientSampleId :

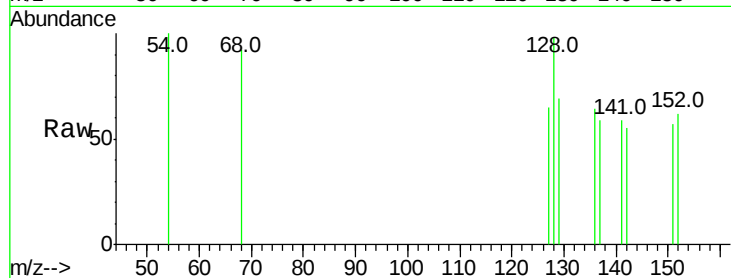
Tot Ion:128 Resp: 58

Ion Ratio Lower Upper

128 100

129 70.3 9.8 14.8#

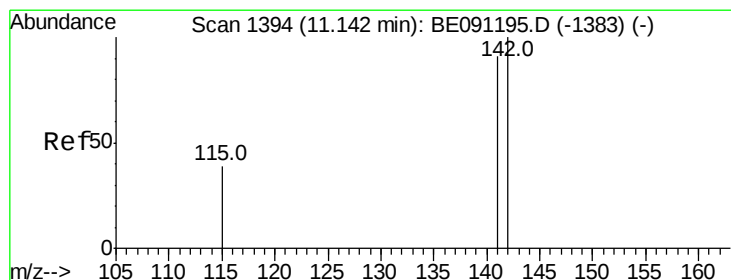
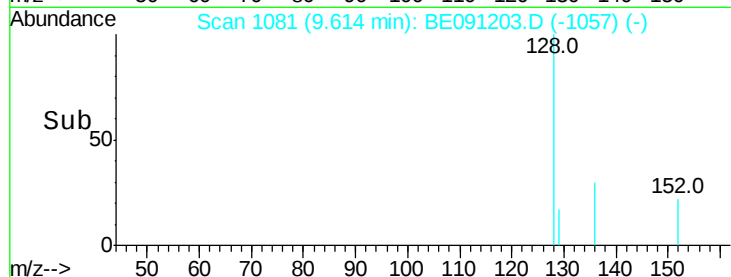
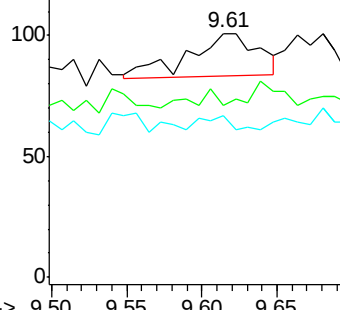
127 66.3 10.7 16.1#



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#7

2-Methylnaphthalene

Concen: 0.87 ng/ul

RT: 11.28 min Scan# 1425

Delta R.T. 0.14 min

Lab File: BE091203.D

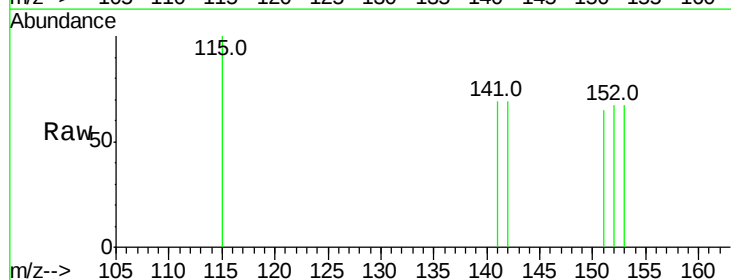
Acq: 17 Nov 2015 14:16

Tgt Ion:142 Resp: 14

Ion Ratio Lower Upper

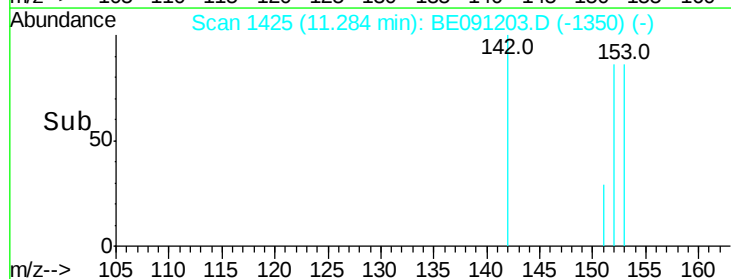
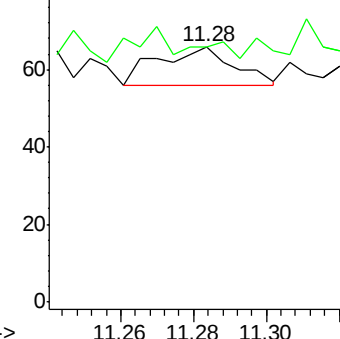
142 100

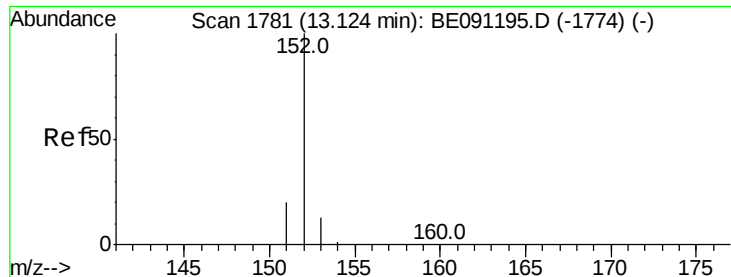
141 71.4 70.3 105.5



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E





#9

Acenaphthylene

Concen: 0.20 ng/ul

RT: 13.09 min Scan# 1777

Delta R.T. -0.03 min

Lab File: BE091203.D

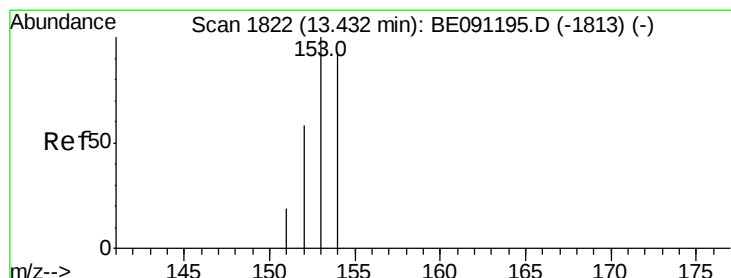
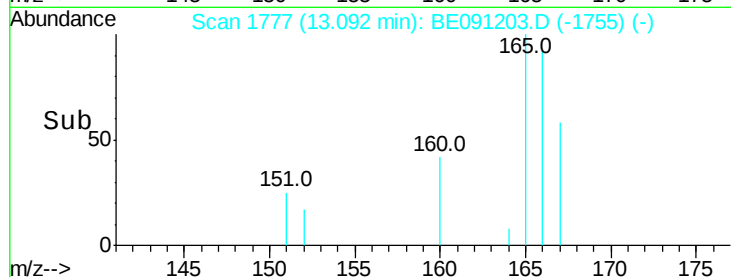
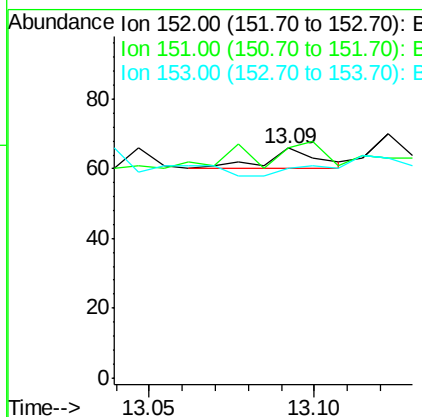
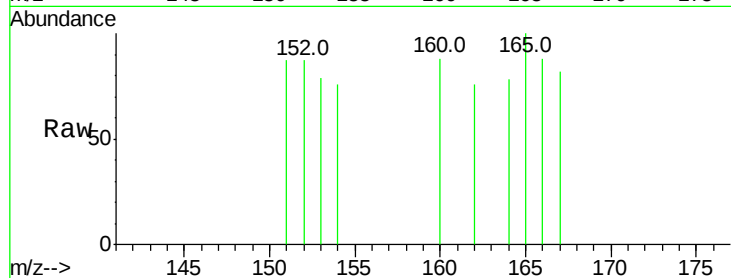
Acq: 17 Nov 2015 14:16

Instrument :

BNA_E

ClientSampleId :

Tot Ion:	152	Resp:	7
Ion	Ratio	Lower	Upper
152	100		
151	100.0	16.8	25.2#
153	90.9	11.3	16.9#



#10

Acenaphthene

Concen: 0.33 ng/ul

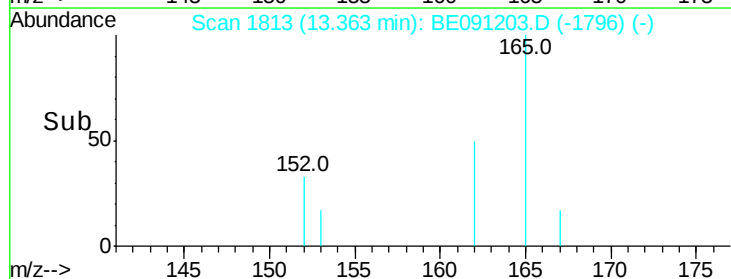
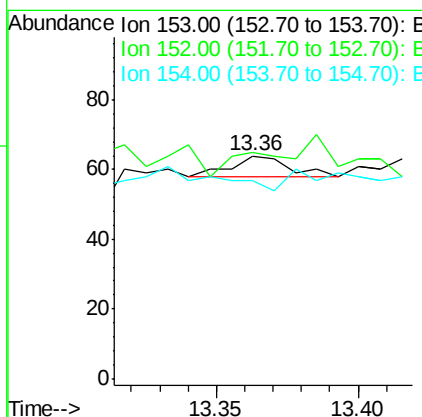
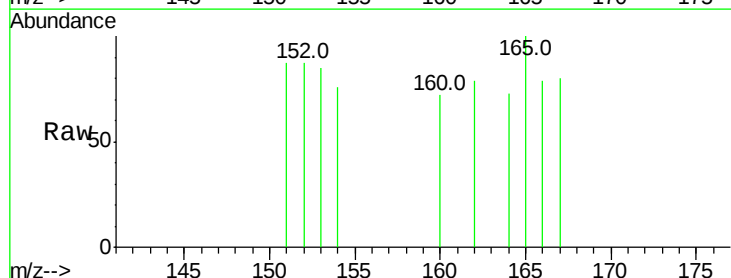
RT: 13.36 min Scan# 1813

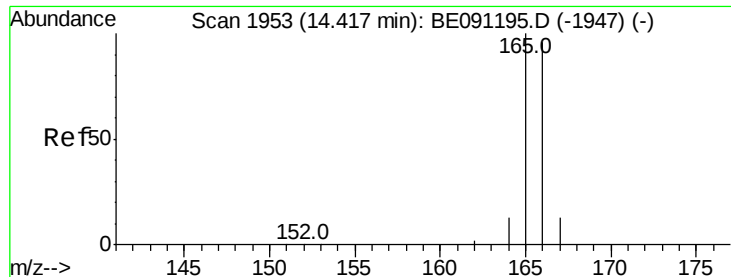
Delta R.T. -0.07 min

Lab File: BE091203.D

Acq: 17 Nov 2015 14:16

Tgt Ion:	153	Resp:	8
Ion	Ratio	Lower	Upper
153	100		
152	101.6	42.3	63.5#
154	89.1	64.7	97.1





#11

Fluorene

Concen: 0.52 ng/ul

RT: 14.41 min Scan# 1952

Delta R.T. -0.01 min

Lab File: BE091203.D

Acq: 17 Nov 2015 14:16

Instrument :

BNA_E

ClientSampleId :

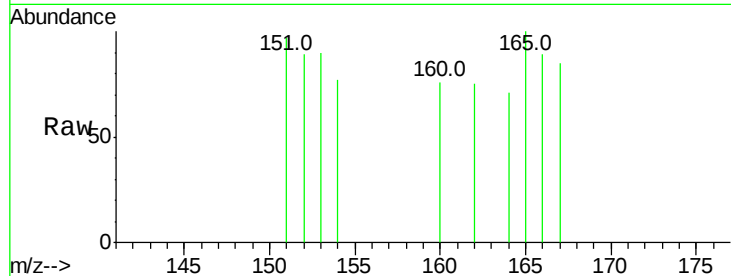
Tot Ion:166 Resp: 16

Ion Ratio Lower Upper

166 100

165 112.9 87.6 131.4

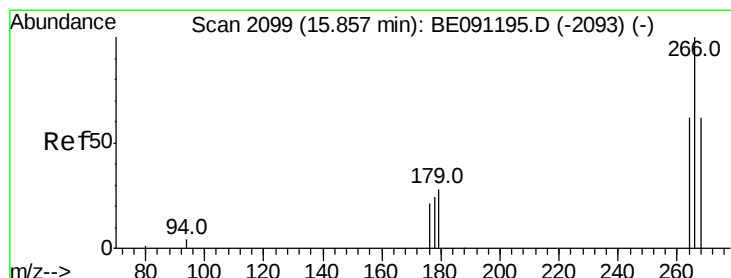
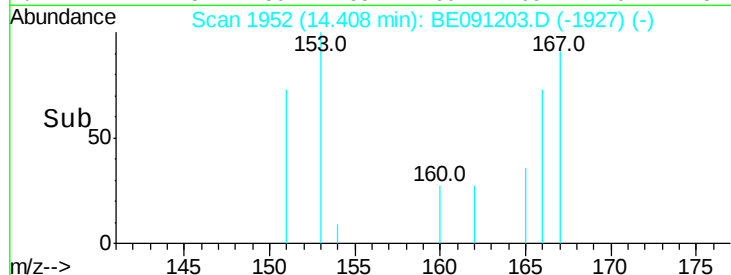
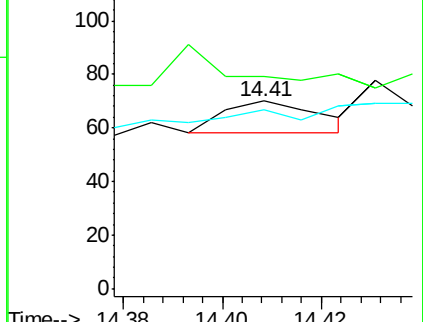
167 95.7 11.1 16.7#



Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E



#13

Pentachlorophenol

Concen: 25.70 ng/ul

RT: 15.78 min Scan# 2093

Delta R.T. -0.07 min

Lab File: BE091203.D

Acq: 17 Nov 2015 14:16

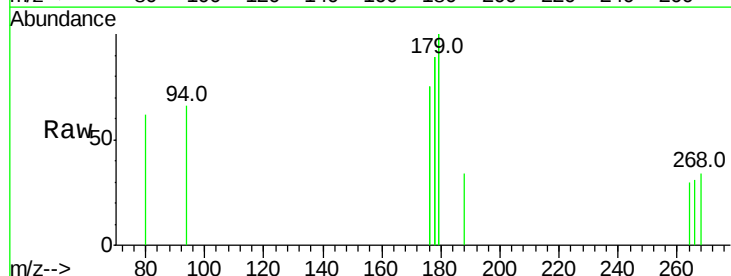
Tgt Ion:266 Resp: 22

Ion Ratio Lower Upper

266 100

264 27.3 53.5 80.3#

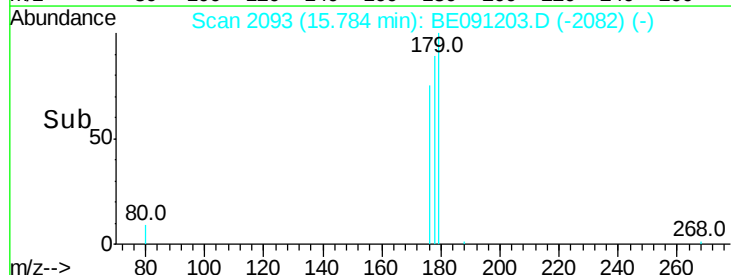
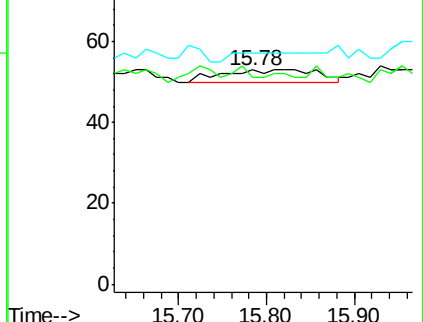
268 0.0 54.2 81.2#

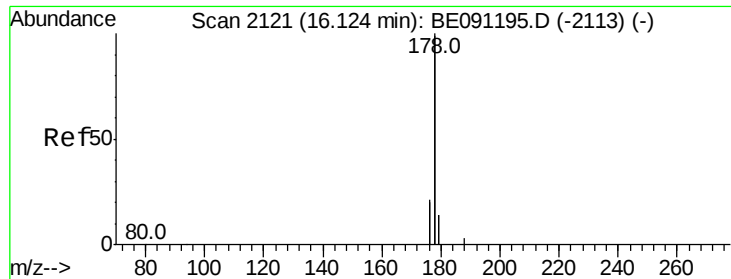


Abundance Ion 266.00 (265.70 to 266.70): E

Ion 264.00 (263.70 to 264.70): E

Ion 268.00 (267.70 to 268.70): E





#14

Phenanthrene

Concen: 0.83 ng/ul

RT: 16.10 min Scan# 2119

Delta R.T. -0.02 min

Lab File: BE091203.D

Acq: 17 Nov 2015 14:16

Instrument :

BNA_E

ClientSampleId :

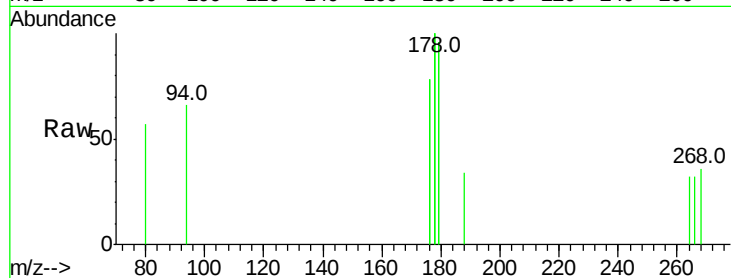
Tot Ion:178 Resp: 86

Ion Ratio Lower Upper

178 100

176 78.2 16.2 24.4#

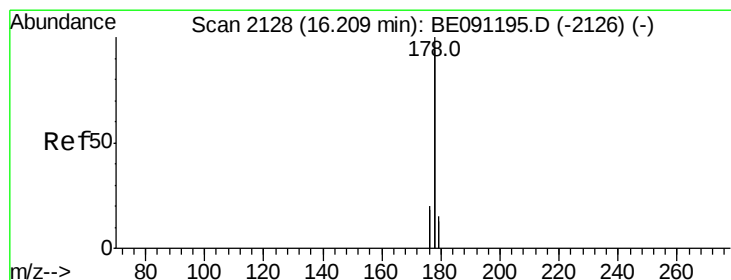
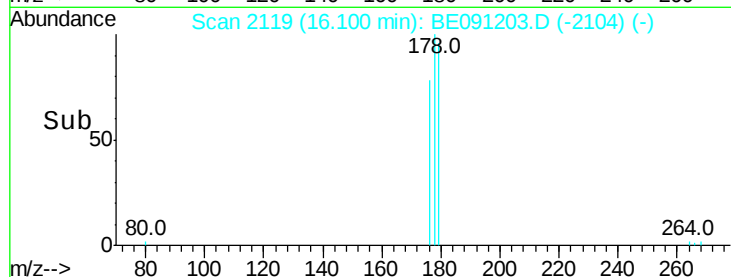
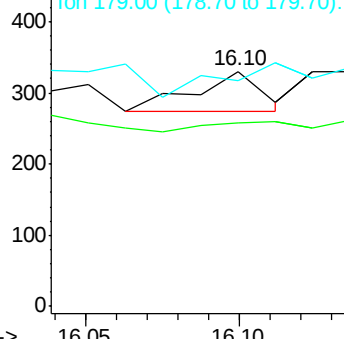
179 96.4 12.8 19.2#



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#15

Anthracene

Concen: 8.12 ng/ul

RT: 16.17 min Scan# 2125

Delta R.T. -0.04 min

Lab File: BE091203.D

Acq: 17 Nov 2015 14:16

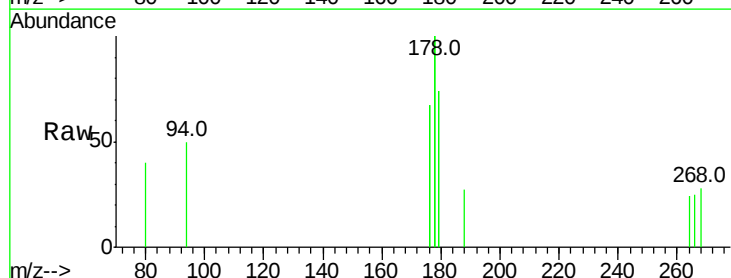
Tgt Ion:178 Resp: 767

Ion Ratio Lower Upper

178 100

176 67.3 15.8 23.8#

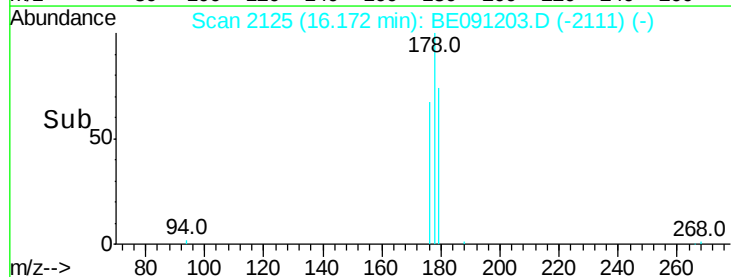
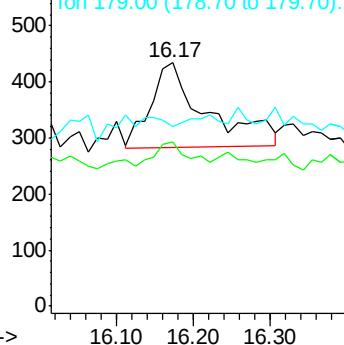
179 73.7 13.3 19.9#

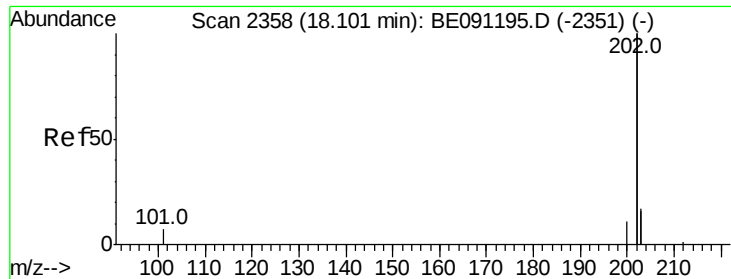


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E

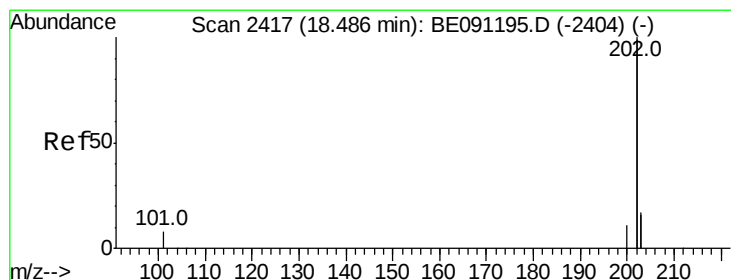
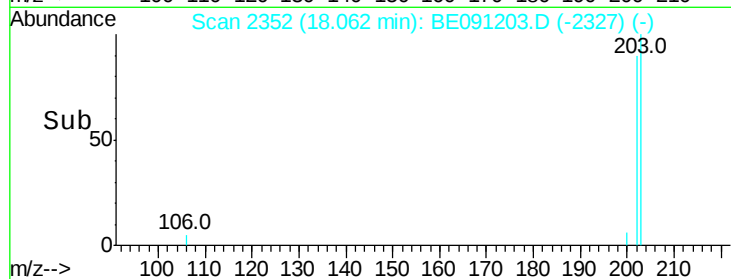
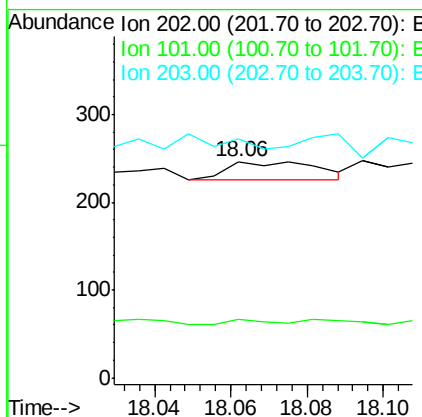
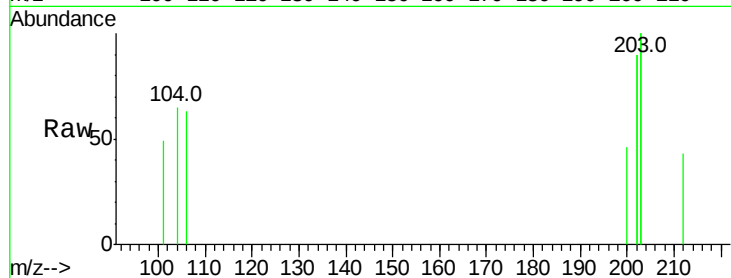




#17
Fluoranthene
 Concen: 0.27 ng/ul
 RT: 18.06 min Scan# 2352
 Delta R.T. -0.04 min
 Lab File: BE091203.D
 Acq: 17 Nov 2015 14:16

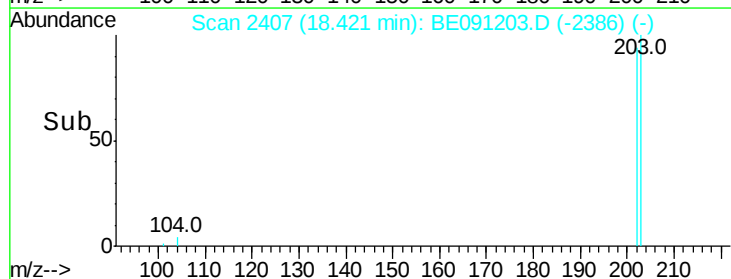
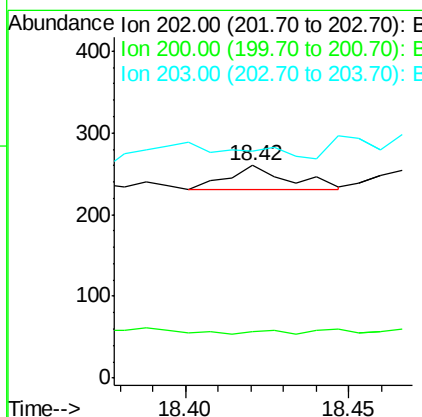
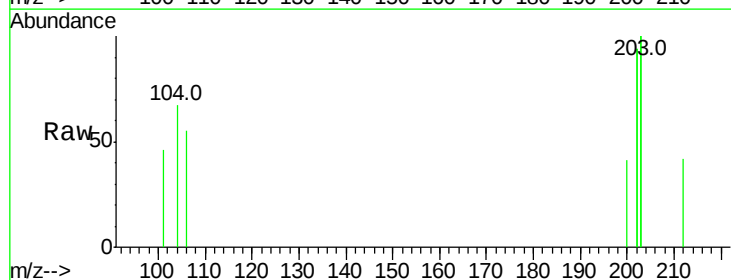
Instrument :
 BNA_E
 ClientSampleId :

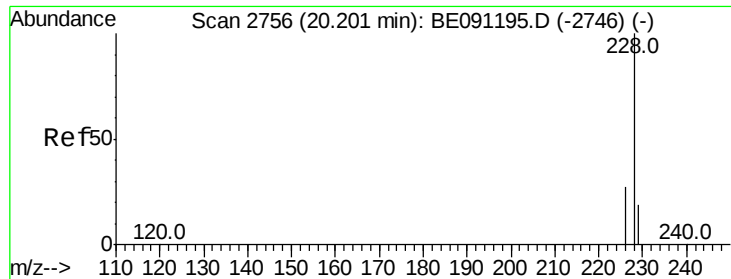
Tot Ion:202 Resp: 33
 Ion Ratio Lower Upper
 202 100
 101 27.2 0.0 33.1
 203 110.6 0.0 37.2#



#19
Pyrene
 Concen: 0.69 ng/ul
 RT: 18.42 min Scan# 2407
 Delta R.T. -0.06 min
 Lab File: BE091203.D
 Acq: 17 Nov 2015 14:16

Tgt Ion:202 Resp: 39
 Ion Ratio Lower Upper
 202 100
 200 21.9 18.0 27.0
 203 106.9 13.8 20.6#





#20

Benzo(a)anthracene

Concen: 0.16 ng/ul

RT: 20.12 min Scan# 2739

Delta R.T. -0.08 min

Lab File: BE091203.D

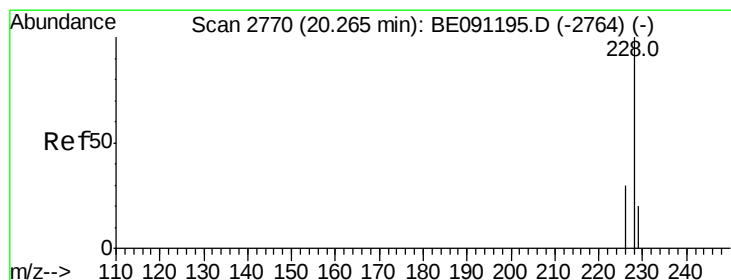
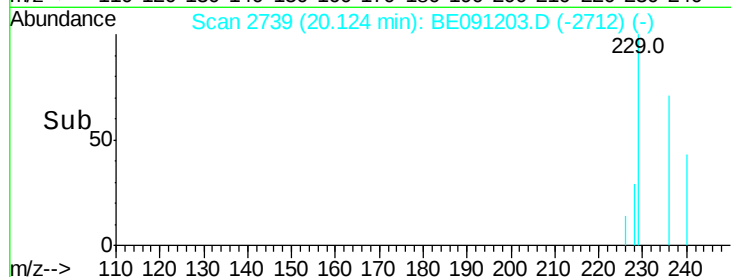
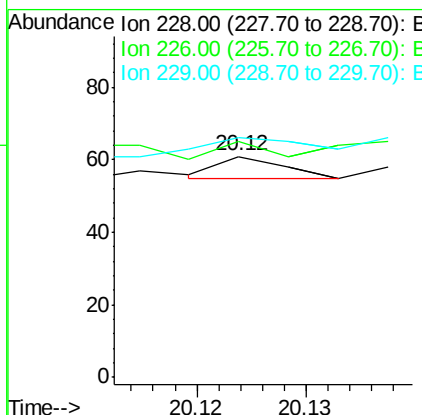
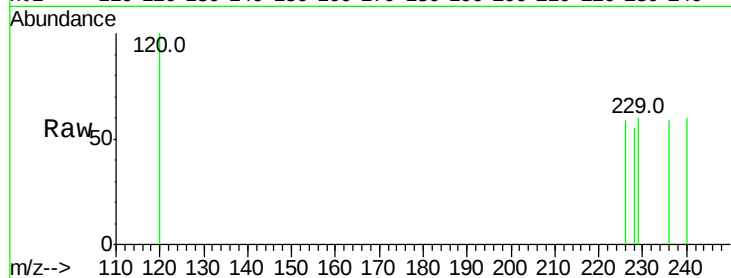
Acq: 17 Nov 2015 14:16

Instrument :

BNA_E

ClientSampleId :

Tot	Ion:228	Resp:	2
Ion	Ratio	Lower	Upper
228	100		
226	106.6	23.0	34.4#
229	108.2	15.2	22.8#



#21

Chrysene

Concen: 0.34 ng/ul

RT: 20.17 min Scan# 2750

Delta R.T. -0.09 min

Lab File: BE091203.D

Acq: 17 Nov 2015 14:16

Tgt	Ion:228	Resp:	5
Ion	Ratio	Lower	Upper
228	100		
226	100.0	25.7	38.5#
229	98.4	15.2	22.8#

